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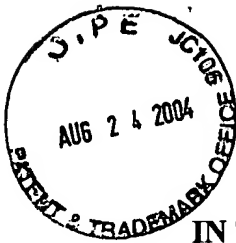
2133

PTO/SB/21 (04-04)

<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>	Application Number	09/882,283
	Filing Date	June 14, 2001
	First Named Inventor	Chen, Xiaopeng
	Art Unit	2133
	Examiner Name	Joseph D. Torres
Total Number of Pages in This Submission	Attorney Docket Number	020945-001510US

ENCLOSURES (Check all that apply)				
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Postcard.		
<table border="1"><tr><td>Remarks</td><td>The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.</td></tr></table>			Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.			
<div><b>RECEIVED</b> AUG 27 2004 Technology Center 2100</div>				
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>				
Firm or Individual name	Townsend and Townsend and Crew LLP Ko-Fang Chang Reg. No. 50,829			
Signature	<i>Ko-Fang Chang</i>			
Date	8/20/2004			

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Typed or printed name	Kristina Alvarez	
Signature	<i>Kristina Alvarez</i>	Date 8/20/04



PATENT

Attorney Docket No.: 020945-001510US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Xiaopeng Chen et al.

Application No.: 09/882,283

Filed: June 14, 2001

For: METHOD FOR ITERATIVE  
AND NON-ITERATIVE DATA  
DETECTION USING REDUCED-  
STATE SOFT-INPUT/SOFT-  
OUTPUT ALGORITHMS FOR  
COMPLEXITY REDUCTION

Confirmation No. 7871

Examiner: Joseph D. Torres

Technology Center/Art Unit: 2133

AMENDMENT

**RECEIVED**

AUG 27 2004

Technology Center 2100

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed May 20, 2004, please enter the following amendments and remarks:

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 3 of this paper.